

SPECIFICATION AMENDMENT

ARC 12/11/06

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Please amend the paragraph starting on page 7, line 23 as follows:

“The trellis 18 shown in Fig. 2 comprises eight first nodes (or states) (“1N”) 20-27, five second nodes (or states) (“2N”) 30-34, five third nodes (or states) (“3N”) 40-44 and four [[third]] fourth nodes (or states) (“4N”) 50-53. Node 20 is located at time unit 0, nodes 21,30 are located at time unit 1, nodes 22,40,31,50 are located at time unit 2, nodes 23,41,32,51 are located at time unit 3, nodes 24,42,33,52 are located at time unit 4, nodes 25,43,34,53 are located at time unit 5, nodes 26,44 are located at time unit 6, and node 27 is located at time unit 7. Branches can be found between nodes 20 and 30, 20 and 21, 21 and 31, 21 and 22, 22 and 32, 22 and 23, 23 and 33, 23 and 24, 24 and 34, 24 and 25, 25 and 26, 26 and 27, 23 and 40, [[23 and 33]], 24 and 41, [[24 and 34]], 25 and 42, 26 and 43, 27 and 44, 40 and 30, 40 and 32, 41 and 31, 41 and 50, 41 and 33, 42 and 32, 42 and 51, 42 and 34, 43 and 33, 43 and 52, 44 and 34, 44 and 53, 30 and 50, 31 and 51, 32 and 52, 33 and 53, 50 and 51, 51 and 52, and 52 and 53. This is a trellis for a (3,1,2) code with $G(D) = [1 + D, 1 + D^2, 1 + D + D^2]$ and with an information sequence of length $L = 5$ and containing $L + m + 1$ time units labeled from 0 to $L + m$ (with $m = 2$ according to this example).”